

COIN-CONTROLLED APPARATUS
Fraud-Preventives.

GB-1896-07

(N^o 17,335)



A.D. 1895

Date of Application, 17th Sept., 1895

Complete Specification Left, 16th June, 1896—Accepted, 25th July, 1896

PROVISIONAL SPECIFICATION.

Improvements in Coin-freed Locks.

I, JONATHAN HURN FAULKNER, of 50 Newgate Street, in the City of London, Hotel Proprietor, do hereby declare the nature of this invention to be as follows:—

My invention has reference to coin-freed locks such as are described in my Specification No. 23736 of 1892 and is designed to prevent the lock being operated by means of a wire or knife or the like inserted into the slot instead of a coin, and so as to operate the coin lever.

It is well known most if not all of the coin freed locks hitherto in use are insecure and can in fact be picked with the greatest facility in the manner above indicated.

Now the object of my invention is to render such locks as those described in my said former specification practically secure against being thus tampered with—

According to my present invention I so arrange the coin shoot that is to say the passage leading from the slot to the coin lever—that when a coin is inserted instead of falling directly on to the coin lever, it rolls or slides down an incline from the lower end of which it passes on to and down another incline in the opposite direction and immediately under the first incline, and so arranged that when the coin has reached a point under or nearly under the coin slot or other convenient point it will fall on or into the coin lever and operate the releasing mechanism.

It will be readily understood that the use of a compound coin shoot such as described prevents direct access to the coin lever through the slot and that it is impracticable if not impossible to cause a wire or other like object to follow the course taken by the coin through such apparatus.

Dated the 17th day of September 1895.

NEWNHAM BROWNE,
Agent for the Applicant.

COMPLETE SPECIFICATION.

Improvements in Coin-freed Locks.

I, JONATHAN HURN FAULKNER, of 50 Newgate Street, in the City of London, Hotel Proprietor, do hereby declare the nature of this invention and in what manner the same is to be performed to be particularly described and ascertained in and by the following statement:—

My invention has reference to coin freed locks such as are described in my Specification No. 23736 of 1892 and is designed to prevent the lock being operated upon by means of a wire or knife or any other picking instrument inserted into the slot instead of a coin and so as to operate the coin lever.

[Price 8d.]

Faulkner's Improvements in Coin-freed Locks.

It is well known that most if not all of the coin freed locks hitherto in use are insecure and can in fact be picked with the greatest facility in the manner above indicated.

Now the object of my invention is to render such locks as those described in my said former specification practically secure against being thus tampered with. 5

According to my present invention I so arrange the coin shoot that is to say the passage leading from the slot to the coin lever, that when a coin is inserted, instead of falling directly on to the coin lever, it rolls or slides down an incline from the lower end of which it passes on to and down another incline in the opposite direction and immediately under the first incline, and so arranged that 10 when the coin has reached a point under or nearly under the coin slot or other convenient point it will fall on or into the coin lever and operate the releasing mechanism.

In the accompanying sheet of drawings,

Fig. 1 is a front elevation of the lock shewing the front plates removed except 15 round the coin slot but showing only so much of the mechanism of the lock as is necessary for the illustration of the improvements which form the subject of this application the remainder of the mechanism of the lock being fully illustrated in the Specification of my said Patent dated December 23rd 1892 No. 23736.

Fig. 2 is a transverse vertical section. 20

D is the coin slot.

e is a plate with its upper edge placed just under the coin slot D so as to guide the coin when it is dropped in and confine it to its proper course.

f is a baffle plate forming an incline on to which the coin falls when inserted through the slot D and down which incline it rolls till it falls over the end of it 25 at f¹.

f² is a small auxilliary plate serving to secure the starting of the coin down the incline.

From the point f¹ the coin falls on to another baffle plate g forming an incline in the opposite direction, beyond the lower end of which there is an opening h 30 through which the coin falls on to the coin lever after which it operates the lock in the manner described in my said previous specification.

The lever J is pivotted at j¹ to a vertical slide K the upper end of which serves to close the slot D and may exhibit therethrough the word "engaged" when and 35 for the purpose described in my said previous specification.

m is a slot in the plate K working over a guide stud m¹ whereby the movement of the plate K is guided.

It will be readily understood that the use of a compound coin shoot such as described prevents direct access to the coin lever through the slot and that it is impracticable if not impossible to cause a wire or other like object to follow the 40 course taken by the coin through such apparatus.

Having now fully described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is.

1. The improvements in coin freed locks hereinbefore described and for the 45 purpose set forth.

2. In coin freed locks of the kind described in my Specification No. 23736 of 1892 the improvements hereinbefore described consisting of baffle plates arranged and fixed as described for the purpose of rendering the lock more 50 difficult or impossible to pick by way of the coin slot.

3. In a coin freed lock such as is described in Specification 23736 of 1892 an upward prolongation of the lock containing two or more baffle plates such as f and g forming inclines in opposite directions so that when a coin is inserted it will pass down the first and on to the second along which it will pass in the 55 opposite direction to an opening over the coin lever, said baffle plates being

Nº 17,335.—A.D. 1895.

3

Faulkner's Improvements in Coin-freed Locks.

arranged substantially as shown in the drawings and so that the coin lever cannot be operated and the lock opened by a wire or the like inserted through the coin slot.

Dated the 15th day of June 1896.

JONATHAN HURN FAULKNER.

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FAULKNER'S COMPLETE SPECIFICATION.

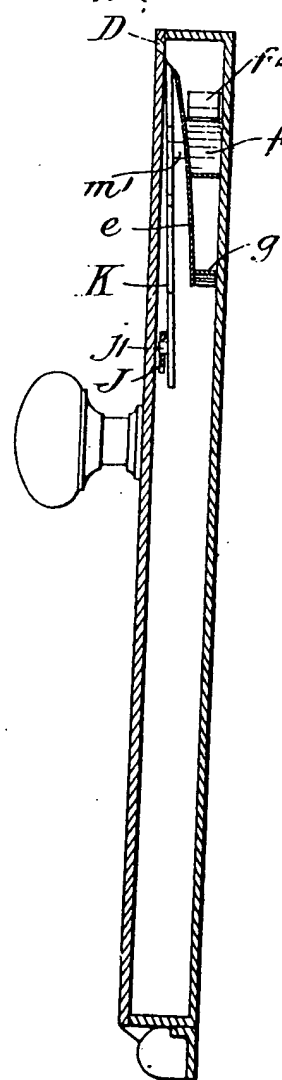
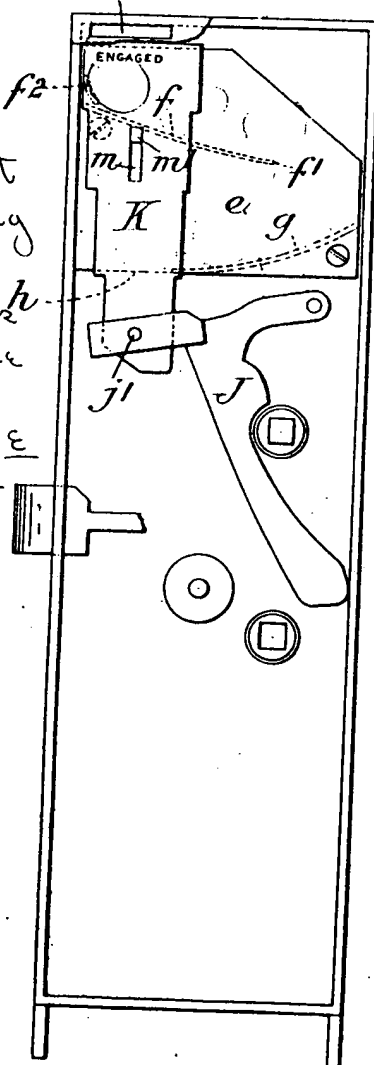
(1 SHEET)

Claims f 3, f 7 g

*C E a p i p
T. road*

Fig. 1.

Primitive Fig. 2.



To prevent
lock being
picked, a
pair of baffles
f and g are
provided in
coin chute E
to give zig-
zag path to
coin.

[This Drawing is a reproduction of the Original on a reduced scale]

305